Approved for use through 04/30/2003. OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperworl	k Reduction Act of 1995, no persons are requ	ired to respond to a collection of informa	tion unless it contains a valid OMB control number		
Substitute for form 1449/PTO		Complete If Known			
		Application Number			
INICODIA	ATION DISCLOSURE	Filing Date	September 26, 2003		
	ATION DISCLOSURE	First Named Inventor	Paul A. Keifer		
STATEM	ENT BY APPLICANT	Art Unit			
(Use i	as many sheets as necessary)	Examiner Name			
Sheet 1	of 2	Attorney Docket Number	99-14 US		

	•		U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (f known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LN.A.	1	^{US-} 4,091,323	05/23/1978	Paul W. Landis	
LM A.	2	^{US-} 4,120,662	10/17/1978	Egil Fosslien	
LULA.	3	^{US-} 4,581,583	04/08/1986	Van Vliet et al.	
·A,H.	4	^{US-} 5,237,276	08/17/1993	David G. Cory	
LNA.	5	^{US-} 5,847,564	12/08/1998	Smallcombe et al.	
-M A.	6	^{US-} 5,952, 831	09/14/1999	Yamakoshi et al.	
N.A.	7	^{US-} 6,218,835	04/17/2001	Stephen H. Smallcombe	
LUA.	8	US- 6,414,491	07/02/2002	Higgins et al.	
·····		US-			
	1	US-			
		US-			
	 	US-			

	FORE	IGN PATENT DOCU	MENTS		
Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Where Relevant Passages	١.
	Country Code ³ "Number ⁴ "Kind Code ⁸ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Τ°
					<u> </u>
l					
	. /				
		No.1 Foreign Patent Document	Cite No. Publication Date No. MM-DD-YYYY	No.1 Date Applicant of Cited Document	Cite Foreign Patent Document Publication Name of Patentee or Applicant of Cited Document Or Relevant Passages MM-DD-YYYY Publication Name of Patentee or Applicant of Cited Document Or Relevant Figures Appear

Date

Examiner
Signature

Considered

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (04-03)
Approved for use through 04/30/2003. OMB 0651-0031
redemark Office: U.S. DEPARTMENT OF COMMERCE

Substitu	ite for form 1449/P	TO.			Complete If Known	ntrol number.
Substitu	10 101 101111 1445/F	10		Application Number		
INF	ORMATIC	ON DIS	CLOSURE	Filing Date	September 26, 2003	
STA	STATEMENT BY APPLICANT			First Named Inventor	Paul A. Keifer	
				Art Unit		
	(Uso as man	y sheets as r	lecessary)	Examiner Name		
Sheet	2	of	2	Attorney Docket Number	99-14 US	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
LHA.	9	Article by SMALLCOMBE et al., entitled "WET Solvent Suppression and Its Applications to LC NMR and High-Resolution NMR Spectroscopy", published by Journal of Magentic Resonance, Series A 117, 295-303 (1995).	
<u> </u>			
	 		
Examiner Signature		Lacy Scarce Date Considered 3/04	

Signature	Com	Mana	Considered	3/04
*EXAMINER: In	nitial if reference considered,	whether or not citation is in conformance with	MPEP 609. Draw line through ci	itation if not in conformance and n

^{*}EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant:

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English tanguage Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Palent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, Washington, DC 20231.

IN NEWWOOD AND A STATE OF THE PERSON OF THE

Sheet

<u>Α</u>.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

fer the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known						
Application Number	10/672,611					
Filing Date	September 26, 2003					
First Named Inventor	Paul A. Keifer					
Art Unit	2862					
Examiner Name						
Attorney Docket Number	99-14 US					

Examiner Cite Initials* No.	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
	140.	Number-Kind Code ^{2 (f known)}		Typical to the booking it	Figures Appear
LUA		^{US-} 5,200,702	04/06/1993	Bruker Instruments	
		US-			
		US-		<u> </u>	
		US-			
		US-			
		US-			
		US-		·	
		US-			
		US-			

		FORE	IGN PATENT DOCU	MENTS	· · · · · · · · · · · · · · · · · · ·	
Examiner Initials*		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	10
		^ .				

Date Examiner 05 Signature

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language. Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.